

# Converting Colors

Hex(270DC4)

Have a look what the booklet for  
Hex(270DC4) contains.

<b>Hex(270DC4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(270DC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	270DC4
RGB	39, 13, 196
RGB Percent	15%, 5%, 77%
CMY	0.8471, 0.9490, 0.2314
CMYK	0.80, 0.93, 0.00, 0.23
HSL	249°, 88%, 41%
HSV	249°, 93%, 77%
XYZ	10.9444, 4.7047, 52.5558
YIQ	41.6360, -43.2470, 62.4250

# Conversions

## Conversions Part 2

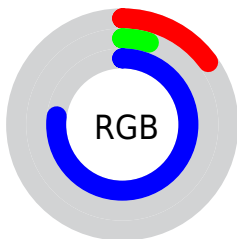
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 13, 196
Decimal	2559428
CIE <sub>Lab</sub>	25.88, 62.75, -84.69
CIE <sub>LCh</sub>	26, 105.400, 306.538
Yxy	4.7047, 0.1605, 0.0690
Android (android.graphics.Color)	4280749508 (0xFF270DC4)
YUV	41.6360, 76.1015, -2.3118
Hunter-Lab	21.6903, 52.1088, -128.4768

# Details

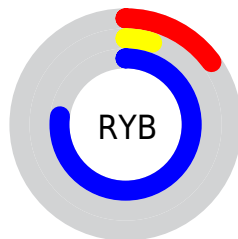
The Hex color **270DC4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AAC40D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7346FE**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **1C00C4**, and if you desaturate by 10%, it is **3821C4**.

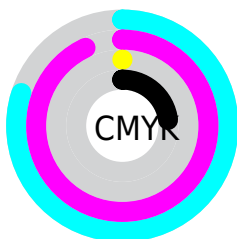
# Distribution



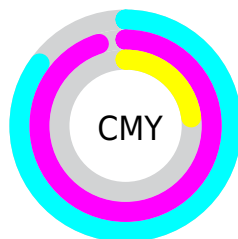
- Red (15%)
- Green (5%)
- Blue (77%)



- Red (15%)
- Yellow (5%)
- Blue (77%)



- Cyan (80%)
- Magenta (93%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (95%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270DC4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 270DC4 by changing the saturation by 10% instead.



 270DC4

 270DC4

FFFFFF

 0000A8

 7346FE

 00008C

 9360FF

 000072

 B27AFF

 000B58

 D195FF

 000740

 F1B1FF

 000329

 FFCDFD

 000113

 FFEAFF

 000000

 270DC4

 270DC4

■ 1C00C4

■ 3821C4

■ 4934C4

■ 5948C4

■ 6A5BC4

■ 7B6FC4

■ 8C83C4

■ 9D96C4

■ AEAAC4

■ BEBDC4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0049E6



270DC4



A0007F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270DC4



7B1400



00554E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



270DC4



AAC40D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005200



270DC4



3C4100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



270DC4



A70000



004E00



00579F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



270DC4



B6004B



004E00



005432



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



270DC4



C2B8FF



0DACC4



5A5480



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



270DC4



2400FF



810DC4



595761



1700A1



050021



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C40DAA



FF00DB



50C40D



615760



A1008A

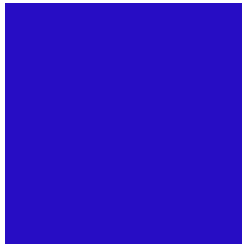


21001C



# Previews

## White Background



This preview shows how the Hex color 270DC4 looks on a white background.

## Color Contrast Check

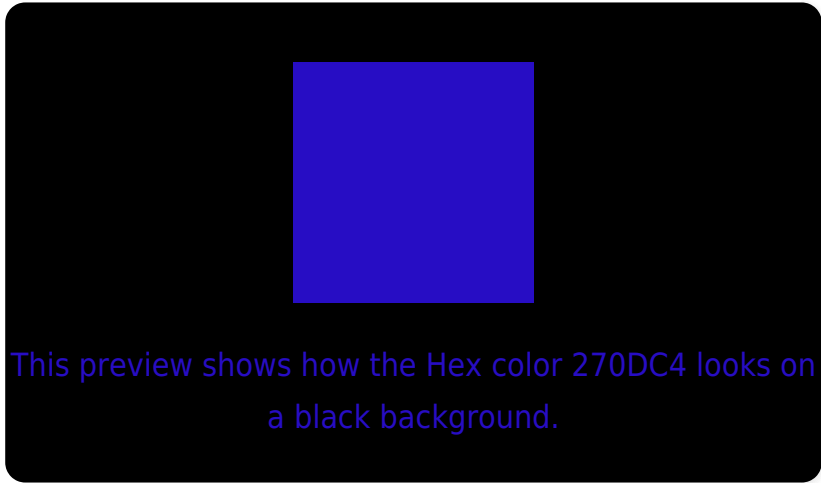
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

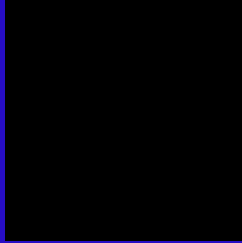
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 270DC4 Background



This preview shows how black text looks on a background with the Hex color 270DC4.



This preview shows how white text looks on a background with the Hex color 270DC4.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
270DC4

**Protanopia**  
003C7E

**Deuteranopia**  
00406B



# Trichromacy



**Original Color**

270DC4

**Protanomaly**

0E2B97

**Deuteranomaly**

0E2D8B

**Tritanomaly**

0E3176

# Monochromacy



**Original Color**

270DC4

**Achromatopsia**

2A2A2A

**Achromatomaly**

291F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270DC4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #270DC4 looks like.

```
.text, #text, p{  
    color:#270DC4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #270DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270DC4
}
```

## Border

The CSS property to change the border of an element to Hex 270DC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

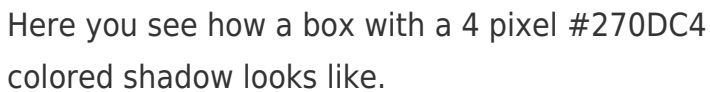
```
.border, #border, table{ border:4px solid
#270DC4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#270DC4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #270DC4 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270DC4; -webkit-box-shadow:4px 4px  
4px 4px #270DC4; box-shadow:4px 4px 4px  
4px #270DC4 }
```

# Background

The CSS property to change the background color of an element to Hex 270DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270DC4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#270DC4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor